I hereby certify that this correspondence is being deposited with the U.S. Postal Service as First Class Mail, in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Docket No.: NBI-108US

Dated: December 22, 2004 Signature:

Group Art Unit: 1651

Examiner: S. M. Hanley

(PATENT)

DEC 2 7 2004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of: Anne Clark, et al.

Serial No.: 10/030,350

Filed: January 7, 2002

For: COMPOUNDS FOR INHIBITING DISEASES AND PREPARING CELLS FOR

TRANSPLANTATION

Attorney Docket No.: NBI-108US

MS Amendment Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

Applicants and their Attorney are aware of the following publications and information, listed on the attached PTO Form SB/08, and in accordance with 37 CFR §1.97 hereby submit these publications for the Examiner's consideration. These references were cited in an International Search Report dated July 7, 2000 and a Written Opinion dated May 7, 2003, during the prosecution of PCT/GB00/02623 which corresponds to the above referenced application. A copy of the report, the opinion, and each cited publication is enclosed.

Additionally, Applicants provide the full text of the Westermark reference cited by the Examiner in the Office Action dated June 3, 2004 (B1).

Serial Number: 10/030,350 Page -2- Filing Date: January 7, 2002

Applicants also wish to bring to the Examiner's attention the following related U.S. patent document and co-pending applications:

U.S. Patent No. 6,562,836 B1 (A1);

U.S. Publication No. 2004/0198832 A1; and

US. Publication No. 2004/0248876 A1.

This statement is not to be interpreted as a representation that the cited publications are material, that an exhaustive search has been conducted, or that no other relevant information exists. Nor shall the citation of any publication herein be construed *per se* as a representation that such publication is prior art. Moreover, Applicants understand that the Examiner will make an independent evaluation of the cited publications.

In accordance with 37 CFR §1.97(c)(2) and §1.17(p), please charge the \$180.00 submission fee to our Deposit Order Account No. 12-0080. Please charge any necessary additional fees or credit any overpayments to our Deposit Order Account No. 12-0080.

Respectfully submitted,

LAHIVE & COCKFIELD, LLP

Danielle L. Herritt, Esq. Registration No. 43,670

Attorney for Applicants

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Date: December 22, 2004

GAD/EAH/DLH/DLN/rl

Enclosures



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December 22, 2004

MS Amendment Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

Re:

U.S. Patent Application No.: 10/030,350

For: COMPOUNDS FOR INHIBITING DISEASE AND PREPARING

CELLS FOR TRANSPLANTATION

Inventors: Anne Clark, et al. Filed: January 7, 2002 Our Ref. No.: NBI-108US

Dear Sir:

I enclose herewith for filing in the above-identified application the following:

- 1. Information Disclosure Statement;
- 2. PTO Form SB/08;
- 3. A copy of the International Search Report;
- 4. A copy of the Written Opinion;
- 5. Copies of references cited in PTO Form SB/08 (19); and
- 6. A Return Postcard.

No additional costs are believed to be due in connection with the filing of this Information Disclosure Statement. However, please charge any necessary fees in connection with the enclosed statement to our Deposit Order Account No. 12-0080. For this purpose, a duplicate of this sheet is attached.

Danielle L. Herritt, Esq., Registration No. 43,670

Respectfully submitted, LAHIVE & COCKFIELD, LLP

Danielle L. Herritt, Esq. Registration No. 43,670 Attorney for Applicants DEC 2 7 2004 TRADEMARKET

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| | | | | Application Number | 10/030,350 | |
| INF | FORMATIC | ON DIS | CLOSURE | Filing Date | January 7, 2002 | |
| ST | ATEMEN? | T BY A | PPLICANT | First Named Inventor | Anne Clark | |
| } | | | | Art Unit | 1651 | |
| <u>.</u> | (Use as many | sheets as n | ecessary) | Examiner Name | Susan Marie Hanley | |
| Sheet 1 of 2 | | Attorney Docket Number | NBI-108US | | | |

| U.S. PATENT DOCUMENTS | | | | | | | | |
|-----------------------|------|---|--------------------------------|--|---|--|--|--|
| Examiner | Cite | Document Number | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant | | | |
| Initials* | No.1 | Number-Kind Code ² (if known) | | | Figures Appear | | | |
| | A1 | 6,562,836 B1 | 05-13-2003 | Szarek, et al. | | | | |
| | A2 | 2004/0198832 A1 | 10-07-2004 | Szarek, et al. | | | | |
| | A3 | 2004/0248876 A1 | 12-09-2004 | Szarek, et al. | | | | |

| | FOREIGN PATENT DOCUMENTS | | | | | | | | | |
|-----------|--------------------------|---|---------------------|--|---|------------|--|--|--|--|
| Examiner | Cite | Foreign Patent Document | Publication Date | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages | ⊤ 6 | | | | |
| Initials* | No.' | Country Code ³ -Number ⁴ -Kind Code ⁵ (if known) | MM-DD-YYYY | | or Relevant Figures Appear | | | | | |
| | A4 | WO 93/03714 A2 | 03-04-1993 | The Upjohn Company | | | | | | |
| | A5 | WO 94/22437 A2,A3 | | Queen's Univ. at Kingston | | | | | | |
| | A6 | WO 94/27602 A1 | 12-08-1994 | Cortex Pharmaceuticals, Inc. | | | | | | |
| | A7 | WO 96/28187 A1 | 09-19-1996 | Queen's Univ. at Kingston | | | | | | |
| | A8 | WO 96/37612 A1 | 11-28-1996 | Pfizer, Inc. | | | | | | |
| | A9 | WO 98/11923 A1 | 03-26-1998 | Baylor College of Medicine | | | | | | |
| | A10 | WO 99/40909 A1 | 08-19-1999 | Neurochem, Inc. | | | | | | |
| | A11 | WO 00/64420 A2 | 11-02-2000 | Queen's Univ. at Kingston | | | | | | |
| | A12 | WO 00/71101 A2,A3 | 11-30-2000 | Queen's Univ. at Kingston | | | | | | |
| | A13 | WO 01/03680 A2 | 01-18-2001 | Isis Innovation Limited | | | | | | |

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ¹ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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| Examiner Initials | Cite No.1 | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² | | | | | |
| | A14 | Copani, A., et al. "Activation of metabotropic glutamate receptors protects cultured neurons against apoptosis induced by β-amyloid peptide." Mol. Pharmacol. 1995 May; 47(5):890-7. | | | | | | |
| | A15 | Hutchings, R., et al. "The effect of excitotoxin antagonists on ibotenic ac-induced alteration of APP mRNA hippocampal expression" <i>Journal of Pharmacy and Pharmacology</i> . 1995 Dec; 47(12B):1131. | | | | | | |
| | A16 | Pache, D.M., et al. "Effect of selective excitatory amino acid antagonists on exicitotoxin-induced changes in APP MRNA expression." Pharmacology Reviews and Communications. 1999; 10(3):205-12. | | | | | | |
| | A17 | Schwarcz, R., et al. "Excitatory aminoacid antagonists provide a therapeutic approach to neurological disorders." <i>Lancet.</i> 1985 Jul 20; 2(8447):140-3. | | | | | | |

| Examiner | Date | |
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| Signature | Considered | · . |
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| | Suite of terms of the terms of | • | | Application Number | 10/030,350 | |
| IN | IFORMATION | l DI | SCLOSURE | Filing Date | January 7, 2002 | |
| S | TATEMENT I | 3Y / | APPLICANT | First Named Inventor | Anne Clark | |
| | | | | Art Unit | 1651 | |
| | (Use as many sh | eets as | s necessary) | Examiner Name | Susan Marie Hanley | |
| Sheet | 2 | of | 2 | Attorney Docket Number | NBI-108US | |

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| | B1 | Westermark, G.T., et al. "A comparison of amyloid deposition in human and transgenic mouse islets of langerhans transplanted into nude mice." <i>Amyloid and Amyloidosis</i> 1998, Pros. Int. Symp. Amyloidosis, 8 th , Rochester, Minn; 545-547. | | | | | |
| | B2 | "Use of metabotropic agonists in progressive neurodegenerative diseases", Expert Opinion on Therapeutic Patents, 1995; 5(5):491-3. | | | | | |

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| Examiner | Dat | te | | |
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Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.